Creative Enzymes®

hydroxybutyrate-dimer hydrolase

Cat. No. EXWM-3447

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of hydrolases, specifically those acting on carboxylic ester bonds. The systematic name of this enzyme class is (R)-3-((R)-3-hydroxybutanoyloxy)butanoate hydroxybutanoylhydrolase. This enzyme is also called D-(−)-3-hydroxybutyrate-dimer hydrolase. This enzyme participates in butanoate metabolism.
Synonyms	D-(-)-3-hydroxybutyrate-dimer hydrolase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.1.1.22
CAS No.	37278-37-8
Reaction	(R)-3-((R)-3-hydroxybutanoyloxy)butanoate + H2O = 2 (R)-3-hydroxybutanoate
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.